



San Jacinto River Waste Pits Superfund Site Time Critical Removal Action (TCRA)

**Valmichael Leos, On Scene Coordinator
US Environmental Protection Agency Region 6
September 22, 2011**

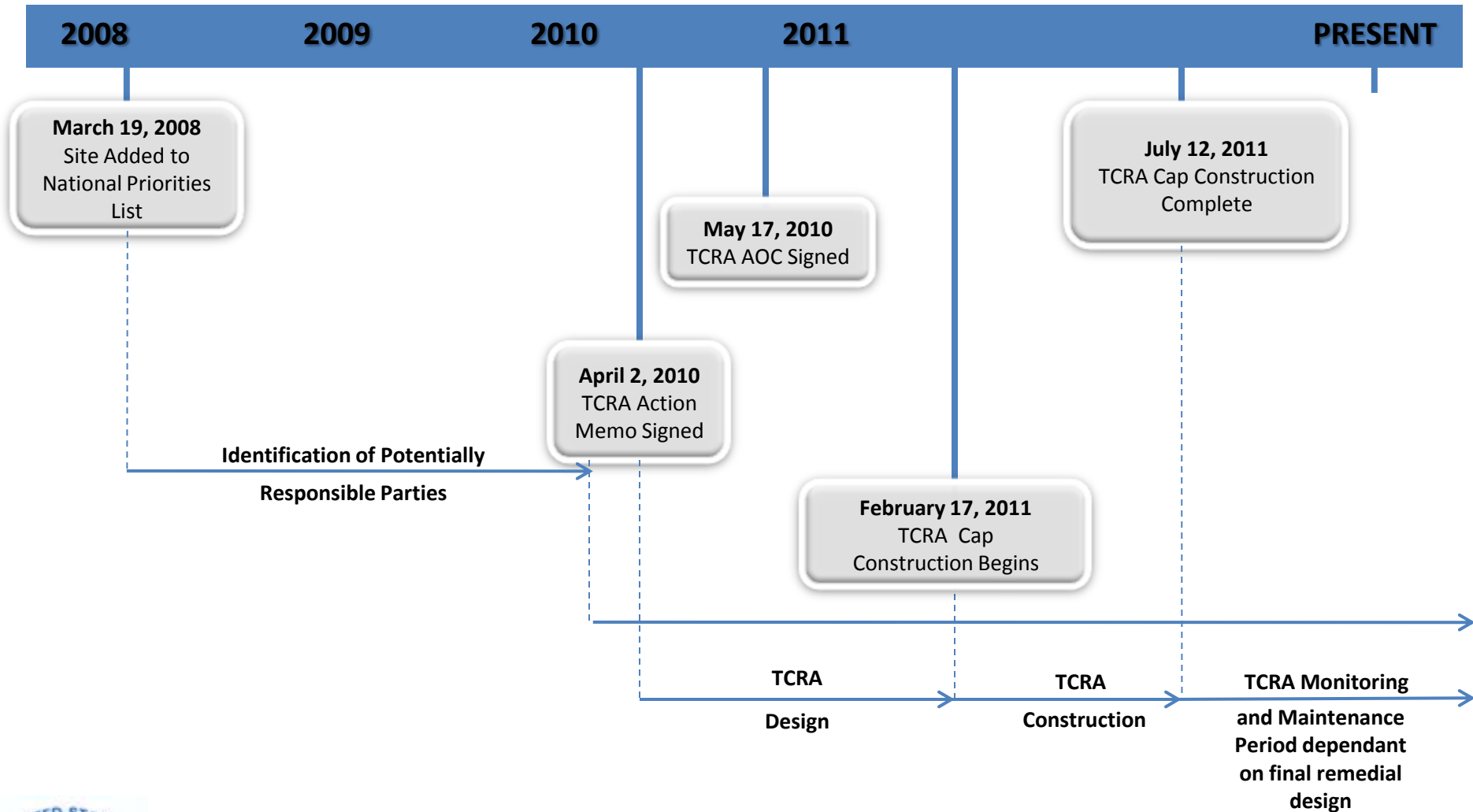


History

- Two impoundments, built for disposal of paper mill wastes
- Total area within berms is approximately 15.7 acres



Superfund Timeline and Activities



Site Before Cap



Site Fencing and Access



Site Fencing

Completed Fence Installation South
of I-10



Southwest Corner of Big Star
Property Fence Installation



Access Road

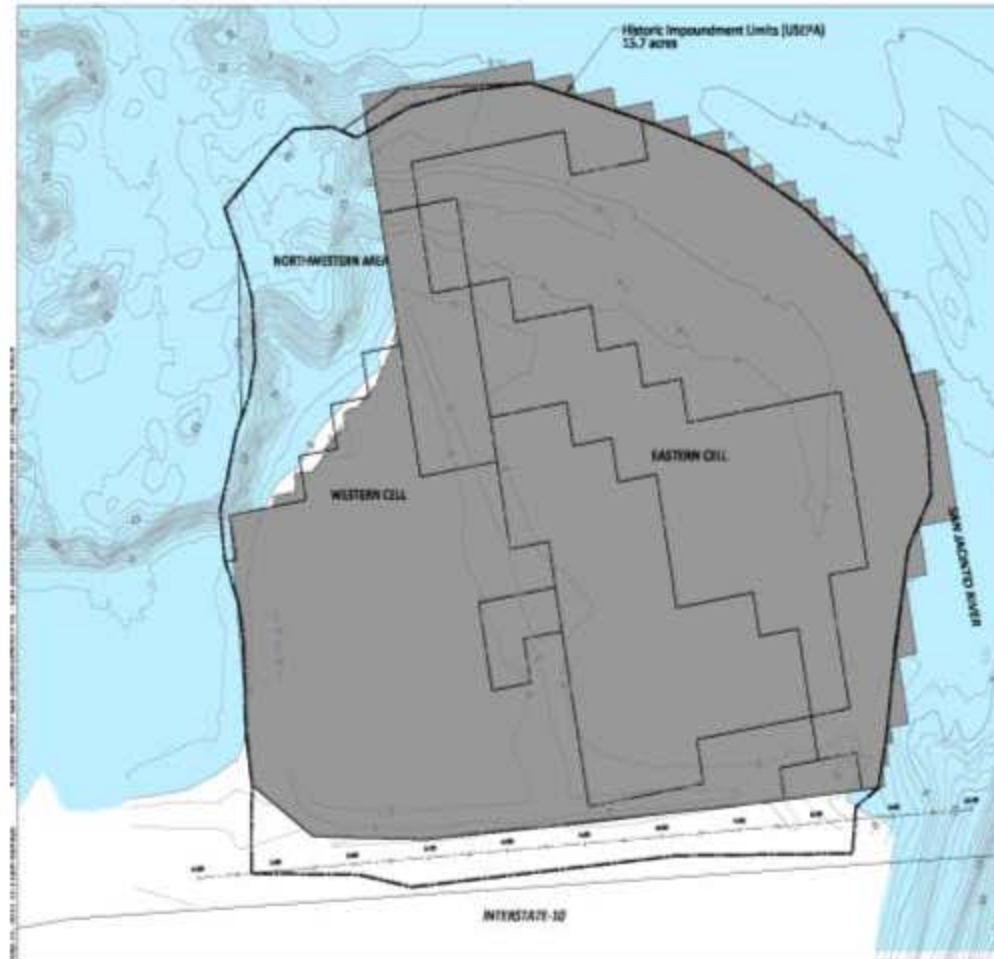
Before



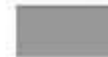
After



Geotextile Placement



LEGEND:

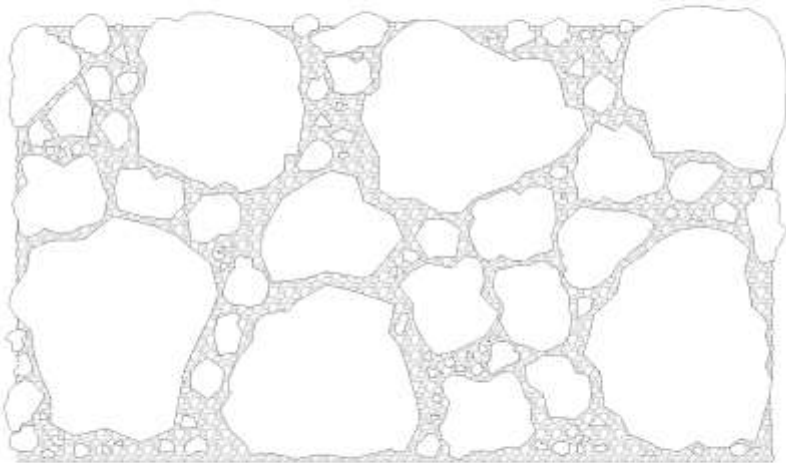


Extent of Installed Geotextile



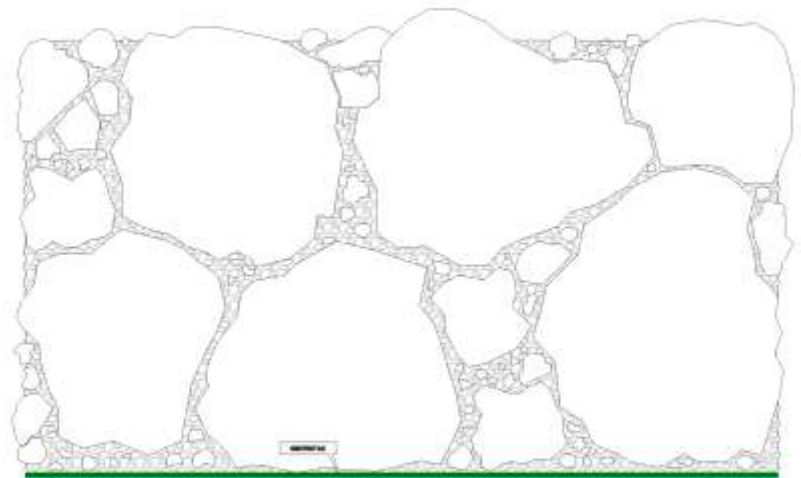
Armor Cap Types A and B/C

Armored Cap A



SEDIMENT

Armored Cap B/C



SEDIMENT

12 inch
min. to
24"
max

Waterside Armor Cap Placement

Placement of Armor Cap D Material on Eastern Cell



Placement of Armor Cap D and Geotextile Material on NW Cell



Western Cell Construction

Geotextile, Geomembrane and Rock Placement



Waste solidification of W. cell

- April 8, 2011 EPA letter documents concerns of waste displacement in W. Cell
- Response by RPs involves plan using mixing portland cement into a portion of W. Cell prior to placement of geotextile, geomembrane, and rock cover
- Solidification started 09/09/11



Summary of Construction

- 5,700 linear feet of perimeter fence
- 15 warning signs
- 59,000 tons of armored cap rock
 - 15.7 acre area
 - Approximately 3.2 acres in Western Cell



Site After Cap



Approximate Limit of Armored Cap

Cap Construction Completed July 12, 2011



Next Steps

- Site Inspections, monitoring, and maintenance
 - Quarterly, Semi-Annually, Annually
 - Following major flow events

